

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/003079**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H04L 1/16**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H03 13/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
search terms : low density parity check, error correction, decoding**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	A US 6633856 B1 14 Oct. 2003 (Flarion Tech.) see summary of the invention, claim 1	1, 7, 10
A	A US 20030074626 A1 17 Apr. 2003 (International Business Machines Corporation) see summary of the invention, claim 1	1, 7, 10
A	A WO 02/037731 A3 10 May 2002 (CUTE Ltd.) claim 1	1, 7, 10

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

25 FEBRUARY 2005 (25.02.2005)

Date of mailing of the international search report

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/003079

Patent document  
cited in search reportPublication  
datePatent family  
member(s)Publication  
date

US 6633856 B1

14 Oct. 2003

EP 1442527 A1

4 Aug. 2004

US 20030023917 A1

30 Jan. 2003

WO 02/103631 A1

27 Dec. 2002

US 20030074626 A1

17 Apr. 2003

None

WO 02/037731 A3

10 May 2002

AU A5 200214235

15 May 2002